

DESKTOP APPLICATION PROGRAMMING

Certain types of accounting processes require that each record in the file be processed. Desktop Application Programming focuses on these procedural style processing systems. This event tests the programmer's skill in designing a useful, efficient, and effective program in the area described below.

CONTENT

This event is composed of a program to be pre-judged. The program must address the topic given. The 2008 National Topic is outlined in the National Chapter Management Handbook.

ELIGIBILITY

Students register for this event by submitting their names on the SLC event entry form. No prequalification is necessary. The participants must qualify as an active FBLA member to be eligible for this event.

REGULATIONS

1. An online entry must be submitted by March 17.
2. Participants may not have entered this event at a previous State Leadership Conference.
3. A participant who fails to report on time for the event may be DISQUALIFIED.
4. The problems must be prepared without help from the adviser or any other person.
5. Participants must adhere to the dress code approved by the executive council.

PROCEDURES

1. Submit two (2) CD/DVDs of the executable object and source files saved as .txt file(s), sample data file student used, and a readme file to the state office by March 17. CD/DVDs should be clearly labeled with name of the event, state name, name of participant and school.
2. Entries will be judged according to the rating sheet.
3. The solution must run stand-alone with no programming errors and designed so that the program will run when copied to a hard drive with the path C: NLCDesktop . the program must be designed so that the program will run when copied to a hard drive with this path. The judge will use a file with the same name and layout as given in the problem but with different data.
4. Points will be deducted for any logical errors.
5. Programs must be accompanied by a readme file noting software used; names of participants, school, state; source of information; and instructions on running the program
8. Program should run on Windows 2000 or higher computer including Vista.
9. CD/DVDs should be free of viruses/malware.

JUDGING

The program will be evaluated by a panel of judges. All decisions of the judges are final. Graded CD's or DVD's will not be returned to participants or advisers.

AWARDS

Plaques are presented to the winners of first through fifth places as long as finances are available. Certificates are given to participants winning sixth through tenth places.

REPRESENTATION AT NATIONALS

The first and second place winners are entitled to represent the state chapter at the National Leadership Conference.

Desktop Application Programming

Evaluation Item	Not Demonstrated	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Points Earned
Program Readability and Style Appropriate names of variable, method, and class names used	0	1 - 2	3 - 4	5	
Commentary provided line-by-line and/or section is readable, useful, and complete	0	1 - 5	6 - 10	11 - 15	
General program documentation readable, useful, and complete	0	1 - 7	8 - 14	15 - 20	
Input/output and program parameters properly documented	0	1 - 2	3 - 4	5	
Readme file contains all information	0	1 - 2	3 - 4	5	
Program Structure and Content Program is concise, does not contain unnecessary complexity	0	1 - 2	3 - 4	5	
Appropriate data types used	0	1 - 2	3 - 4	5	
Algorithms reliable and straightforward Unusual approaches should be well documented	0	1 - 5	6 - 10	11 - 15	
Algorithms did not impose any special limitations not described in the program instructions	0	1 - 3	4 - 7	8 - 10	
Results Program was error free	0	1 - 3	4 - 7	8 - 10	
The program handled user and/or data input errors well	0	1 - 5	6 - 10	11 - 15	
Program functioned as required and meets requirements	0	1 - 7	8 - 14	15 - 20	
Resulting outputs, screens, and messages were useful	0	1 - 7	8 - 14	15 - 20	
Subtotal					
Penalty Points: Deduct 5 points for not adhering to guidelines: __ 2 copies of media not received __ Statement of Assurance not received __ media labeled incorrectly					

Total Score

/150 max.

Verification of total score (initials)

____ Event Supervisor

____ Event Supervisor

RANKING SHEET - MISSOURI FBLA

Desktop Application PROGRAMMING STATE FINAL

NAME OF SCHOOL	RANK BY JUDGE	RANK BY JUDGE	RANK BY JUDGE	AVERAGE OF JUDGES' RANK		Program Test Rank		FINAL RANK (Smaller number wins)
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								

Example:

NAME OF SCHOOL	RANK BY JUDGE	RANK BY JUDGE	RANK BY JUDGE	AVERAGE OF JUDGES' RANK		Program TEST RANK		FINAL RANK (Smaller number wins)
1.	1	2	1	1.33		10		3.93
2.	10	9	10	9.67		1		7.07

In the event of a tie, the tie will be broken by awarding the higher rank to the person who received more small numbers from the judges. If a tie remains after this step, judges will make a decision as to the rank to be assigned.

